QLn Series Mobile Printers
Quick Start Guide

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Introduction

Thank you for choosing the Zebra QLn™ Series Mobile Printers. These rugged printers will become a productive and efficient addition to your workplace thanks to their innovative design. Because it is made by Zebra Technologies you can be assured of world-class support for all of your bar code printers, software, and supplies.

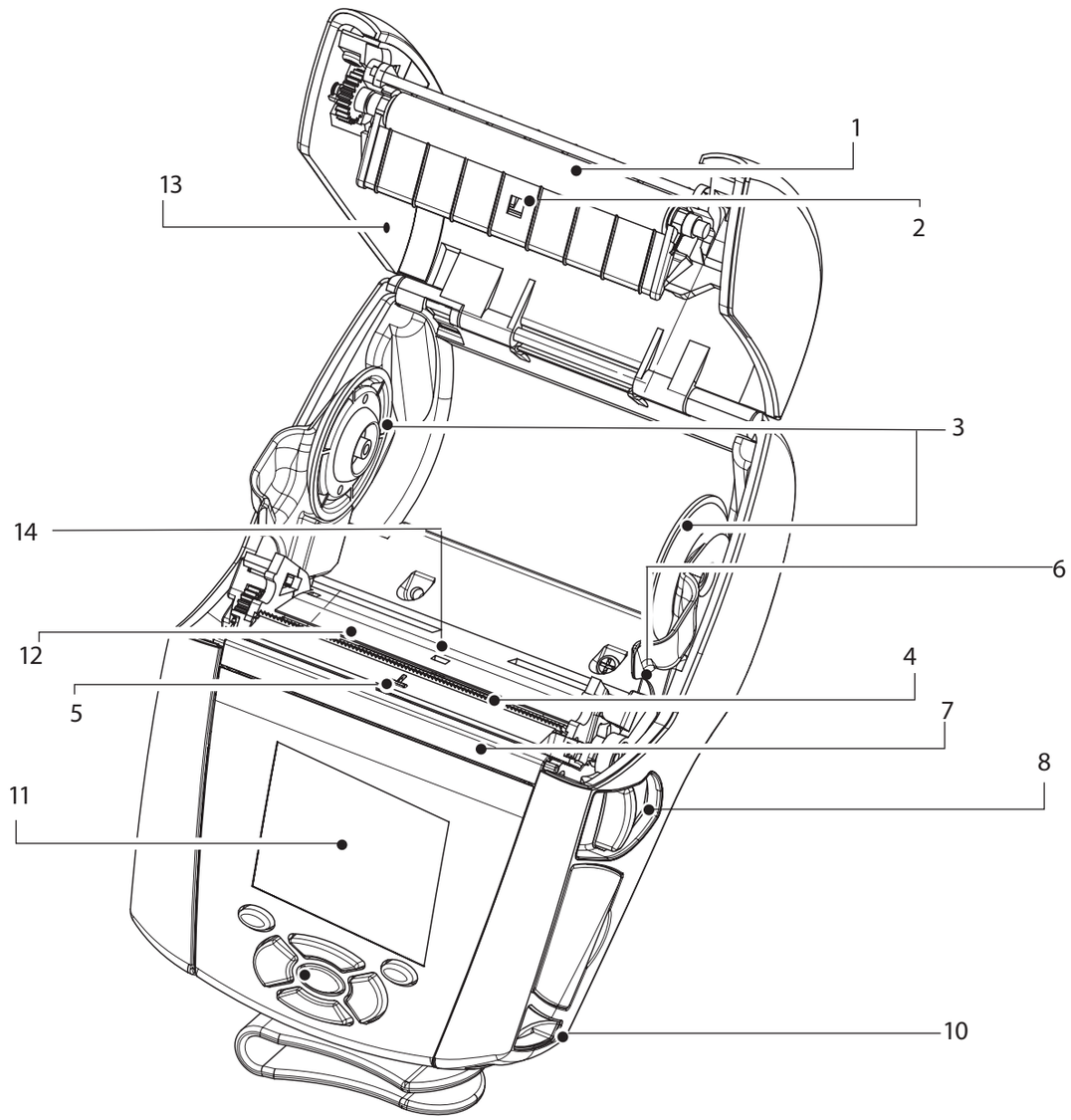
This document provides an easy reference for operating and maintaining the QLn Series Mobile Printer.

Complete and current documentation for this printer is provided by the QLn Series User Guide available on the Internet at: www.zebra.com/manuals.

	QLn320	QLn220
	Media width: 1.0 in. to 3.125 in. (25,4 mm to 79,4 mm)	Media width: .63 in. to 2.18 in. (16 mm to 55,37 mm)
	Printer Dimensions H: 6.85 in. (173,659 mm)* W: 4.65 in.(117,856 mm) D: 3.15 in (76,9 mm) * with belt clip	Printer Dimension H: 6.73 in. (170,9 mm)* W: 3.60 in. (91,4 mm) D: 2.75 in. (69,9 mm) * with belt clip

Always refer to the Important Safety Information data sheet shipped with each printer and the Technical Bulletin shipped with each battery pack. These documents detail procedures to ensure maximum reliability and safety while using this printer.

QLn Series Overview (QLn320 Shown)



1. Platen Roller
2. Bar Sensor
3. Media Support Disks
4. Tear Bar
5. Label Present Sensor
6. Peeler Lever
7. Peeler Bail
8. Latch Release Lever
9. Keypad
10. Strap Post
11. LCD Screen
12. Printhead
13. Media Cover
14. Gap Sensor
15. Power Button
16. Feed Button
17. LED Charge Indicator

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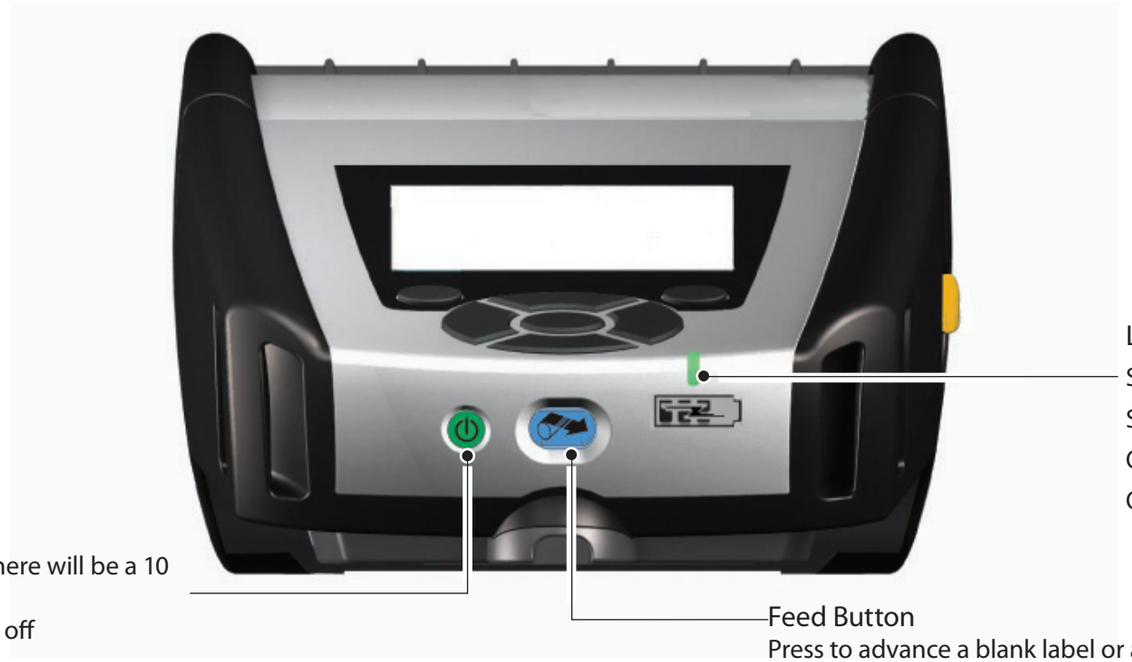
Printer Controls

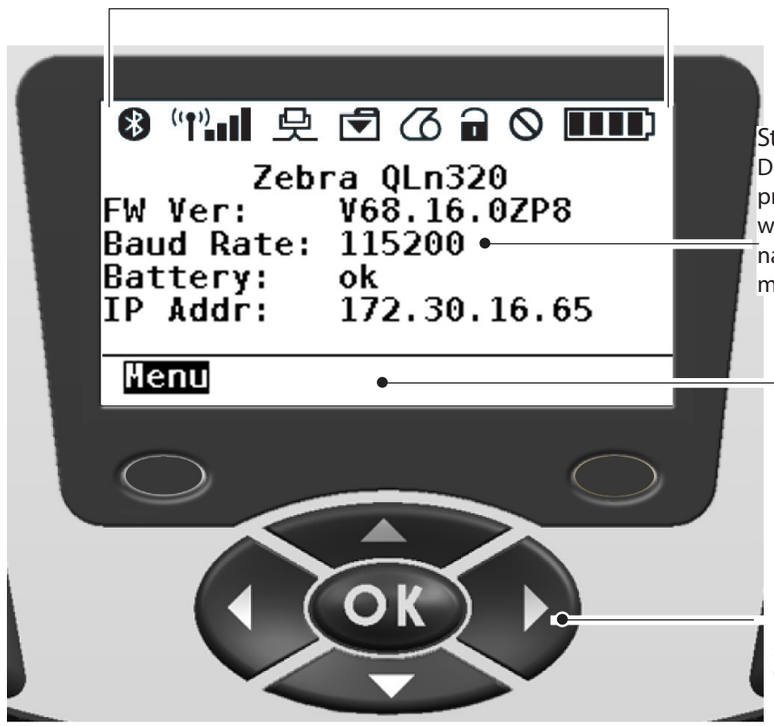


LED Charge Indicator
Solid Yellow: Charging
Solid Green: Fully charged
Off: No DC Power Applied
Off: With DC Power Applied: Charge Fault

Power Button
Press to turn unit on. There will be a 10 second boot up time.
Press again to turn unit off

Feed Button
Press to advance a blank label or a software determined length of journal media.

Printer Status Bar
Indicates the status of several printer functions.**



Status Screen
Default screen the printer will display when the user is not navigating the main menu screen.

Navigation Bar
Displays user-selectable options.

Four Way Navigation Buttons
Scroll through menu choices on Status Screen
Press "OK" to enter.

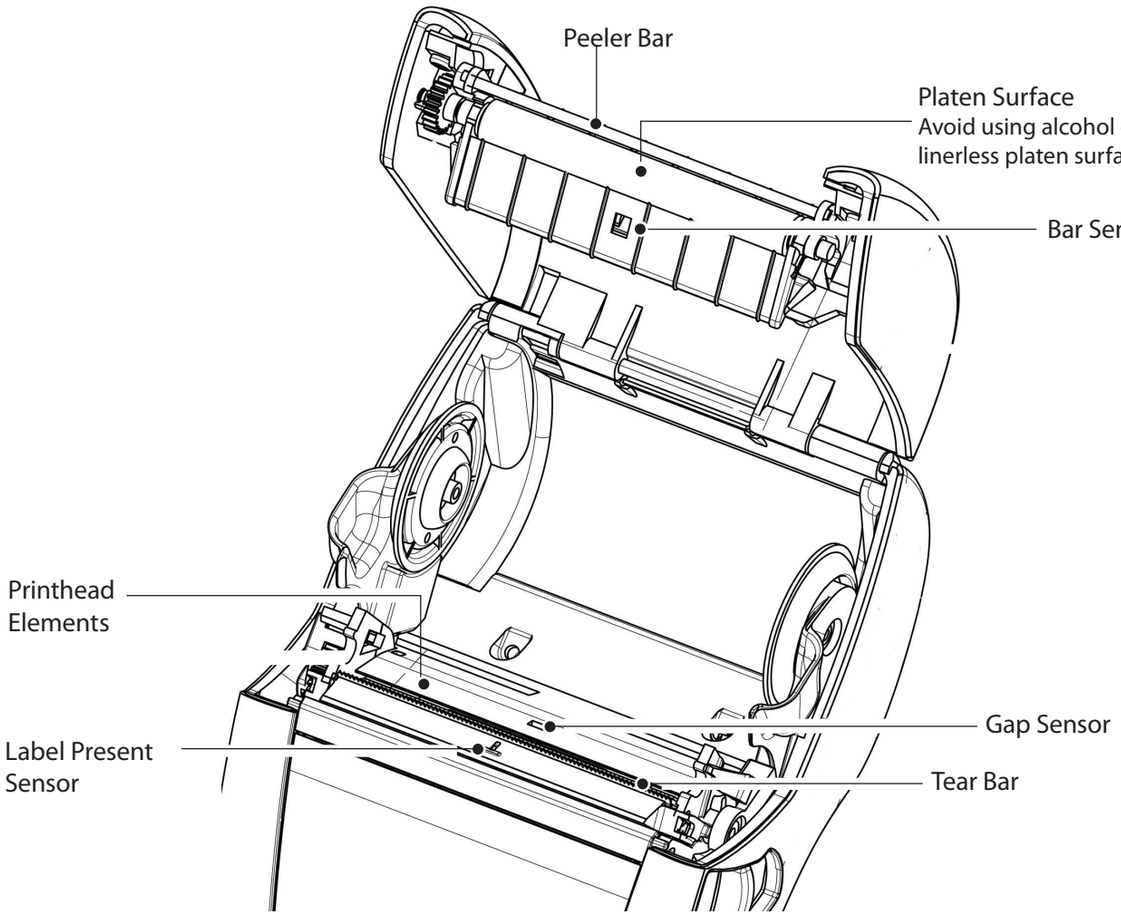
** Not every icon will be displayed on the Status Bar at one time, only those applicable to the printer's configuration.

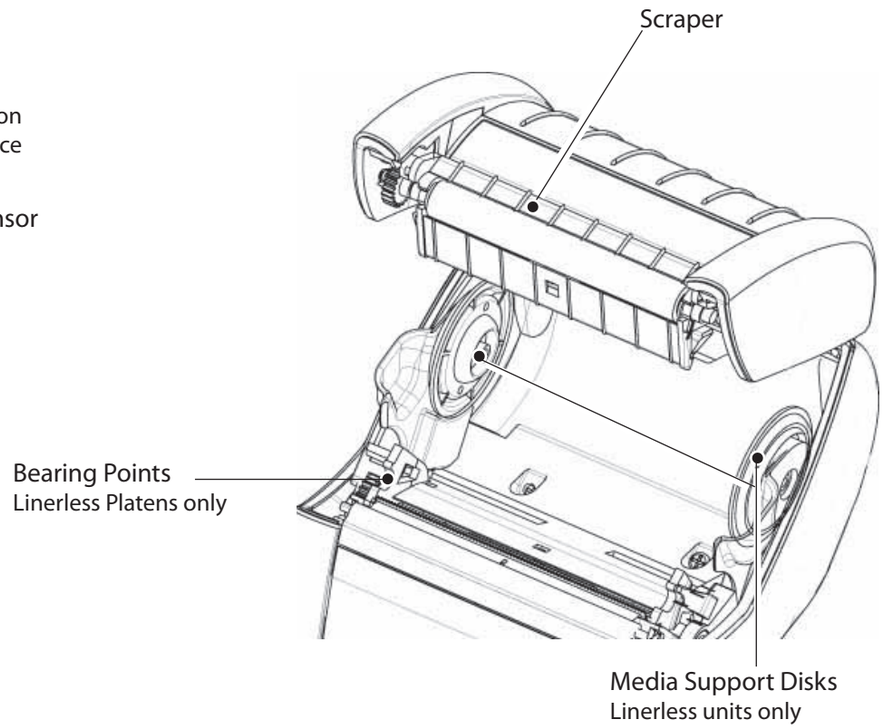
Main Menu Screen
Displays graphical options including Communication, Display, Media, Battery, and Help.

Soft Keys
Press to select a function on the Navigation Bar.

Cleaning the Printers

Caution • To avoid possible personal injury or damage to the printer never insert sharp or pointed objects into the printer mechanism.





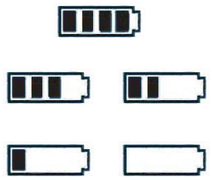
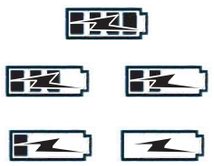
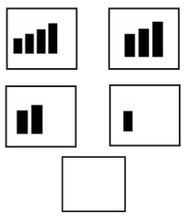
Linerless View

Area	Cleaning Method	Interval
Printhead	Use the supplied cleaning pen to clean the print elements from end to end (the print elements are located in the thin gray line on the printhead).	After every five rolls of media (or more often, if needed) Linerless media requires more frequent cleaning
Platen Surface	Rotate the platen roller and clean it thoroughly with the cleaning pen.	
Linerless Platen Surface	Units with linerless platens: Rotate platen & clean bearing points only. Avoid use of alcohol on the surface of linerless platens!	
Peeler bar	Clean thoroughly with the cleaning pen.	As needed
Scraper (Linerless units only)	Clean thoroughly with the cleaning pen.	After every five rolls of media (or more often, if needed)
Tear bar	Clean thoroughly with the cleaning pen.	As needed
Exterior	Wipe with water-dampened cloth	
Interior	Brush/air blow. Ensure the Bar Sensor, Gap Sensor and Label Present Sensor windows are free of dust.	
Interior of units with Linerless Platens	Clean inside surfaces of Media Supports & Media Support Disks with the supplied cleaning pen or 70% isopropyl alcohol on a cotton swab.	After every five rolls of media (or more often, if needed)

Troubleshooting

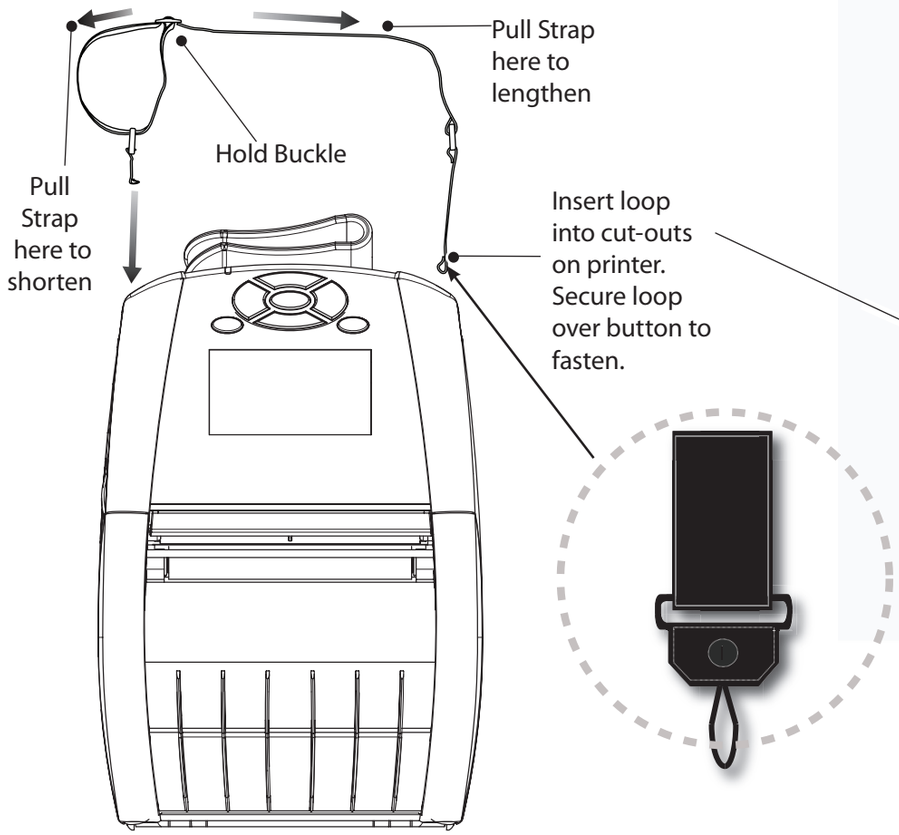
LCD Control Panel

The top of the display shows icons indicating the status of various printer functions. Check the indicator status and refer to the referenced Troubleshooting table below.

Icon	Status	Indication
	On	Bluetooth Link established
	Not Present	Bluetooth Link inactive
	Blinking	Connecting and Transmitting Labels
	Antenna Blinking	Looking for AP
	Antenna Blinking 1 Parenthesis Solid	Associated/Attempting WLAN Authentication
	Antenna and 2 Parentheses Solid	Associated and Authenticated
	Antenna and 2 Parentheses Blinking	Receiving Data
	Not Present	No Radio Present
	4 Bars	>80% Charged
	3 Bars	60%-80% Charged
	2 Bars	40%-60% Charged
	1 Bar	20%-40% Charged
	0 Bars	Low Battery
	4 Bars Blinking w/ Lightning Bolt	Charging at >80% Capacity
	3 Bars Blinking w/ Lightning Bolt	Charging at 60-80% Capacity
	2 Bars Blinking w/ Lightning Bolt	Charging at 40-60% Capacity
	1 Bar Blinking w/ Lightning Bolt	Charging at 20-40% Capacity
	0 Bars w/ Lightning Bolt	Charging at <20% Capacity
	Blinking	Media Cover Open
	Blinking	Retrieving printer data
	Solid	Connected & Not Receiving Label Data
	Not Present	No Ethernet Connection
	Blinking	Data processing in progress
	Steady	No data being processed
	Blinking	Out of Media
	Steady	Media present
	Blinking	Error exists (excluding Media Out and Head Latch Open)
	Not Present	No error exists
	4 Bars	802.11 signal strength > 75%
	3 Bars	802.11 signal strength </= 75%
	2 Bars	802.11 signal strength </= 50% but >25%
	1 Bar	802.11 signal strength </= 25%
	0 Bars	No signal strength

Accessories

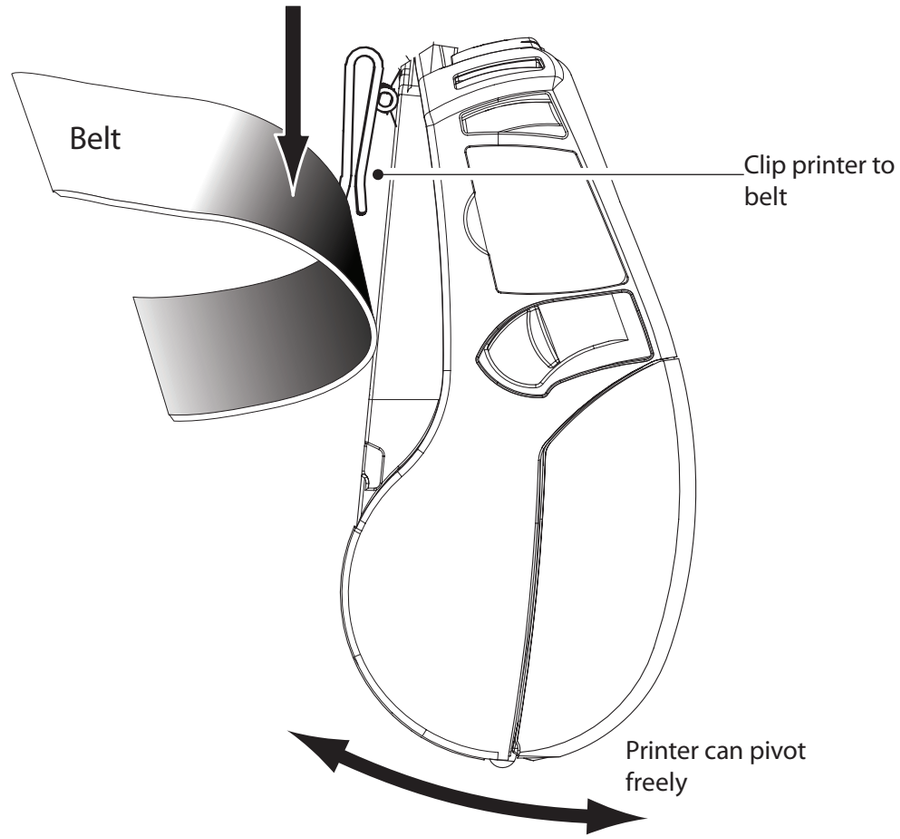
Adjustable Shoulder Strap



Hand Strap

Belt Clip (standard on most printers)

To use: Hook the clip over your belt, and ensure that the clip is securely attached to the belt. The belt clip will pivot in all directions to allow you to move freely while wearing the printer.



Soft Case

Both the QLn220 and 320 have soft case options that also allow you to carry the printer from your belt.

Product Support

For product support, and the latest versions of all customer documentation, contact Zebra Technologies at: www.zebra.com

Refer to Appendix D in the QLn320 User Guide for more detailed contact information

In the Americas contact:

Zebra Technologies Corporation
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Fax: +1.847.913.8766

In Europe, Africa, the Middle East, and India contact:

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Dukes Meadow, Millboard Road
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Buckinghamshire, SL8 5XF, UK
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Zebra Technologies Asia Pacific Pte. Ltd.
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